

In re Patent Application of:

**AMMAR ET AL.**

Serial No. **10/091,382**

Filing Date: **March 5, 2002**

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**REMARKS**

Claims 1-6, 8-21 and 23-33 remain in this application. Claims 7 and 22 have been cancelled. Claims 1, 8, 11, 23, 24, and 27 have been amended. New Claims 34-57 have been added.

Applicants thank the Examiner for the detailed study of the application and prior art and the indication of allowable subject matter as to Claims 7-10, 12-14, 20-23, 27 and 29. Applicants have amended independent Claims 1, 11 and 24 to place the pending Claims 1-33 in a condition for allowance. Claim 1 now recites the additional recitation of the allowable subject matter for the microstrip-to-waveguide transition formed at each of the transmitter and receiver sections. Claim 11 has been amended to recite that the substrate board is formed as a single ceramic board, which was indicated as allowable subject matter. Dependent Claim 22 is cancelled.

Claim 24 has also been amended to recite the forming of a ceramic substrate board, which was indicated as allowable subject matter in the Office Action mailed August 6, 2003.

New Claims 34-42 are similar to Claim 1 and its dependent claims except the single ceramic board is recited, indicated as allowable subject matter by the Examiner.

New Claim 43 is similar to Claim 11 and its dependent claims except the claim includes the electromagnetic interference gasket on the cover that is positioned above and around MMIC chips and supported by the substrate board, indicated as allowable subject matter.

New Claim 44 is similar to Claim 11 except it includes the recitation that the cover includes SMA connectors

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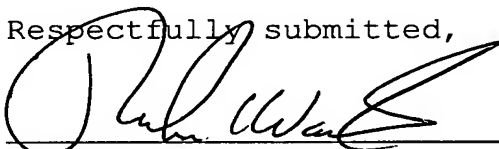
having a solderless spring-loaded intermediate contact, indicated as allowable subject matter.

New Claims 45-56 are similar to Claim 11 and its dependent claims except these new claims include the additional recitation of the microstrip-to-waveguide transition formed at each of the transmitter and receiver sections, indicated as allowable subject matter.

New Claim 57 is similar to Claim 11 except it also includes the radio frequency channels formed in the cover with an absorber material. Isolation among the receiver, local oscillator and transmitter sections is enhanced by the radio frequency channels and absorber material.

Applicants contend that the present case is in condition for allowance and respectfully requests that the Examiner issue a Notice of Allowance and Issue Fee Due. If the Examiner has any questions or suggestions for placing this case in condition for allowance, the undersigned attorney would appreciate a telephone call.

Respectfully submitted,



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